

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** RM07218

**Name:** TROUT UNLIMITED-WILD RIVER CHAPTER: Colburn Creek - Reconnectin Coldwater Habitat

**Type:** River Grant

**Subtype:** River Protection Grant

**Status:** COMPLETE

**Start Date:** 4/15/2018

**End Date:** 12/31/2019

**Purpose:** Wild Rivers Trout Unlimited is sponsoring a restoration project on Colburn Creek, Forest County, WI. An undersized and failing double culvert system at Kufner Road will be replaced as part of this project. The existing culverts are constricting the natural river width and are too small to pass normal flows, resulting in negative river impacts at the road and both up and downstream from the road crossing. The crossing is a barrier to the movement of trout, and other aquatic organisms.

Project goals: Restore the instream habitat and aquatic connectivity of Colburn Creek by: 1) eliminating significant braiding due to impounding conditions upstream from Kufner Road ; 2) restore natural stream velocities up and downstream of the road crossing; 3) restore trout and other aquatic organism movement throughout the entirety of Colburn Creek, its tributaries and reconnect movement by fish and other aquatic organisms in and out of the Rat River by: reconnecting .673 miles of Colburn Creek; reconnecting 1.15 miles of Mexico Creek, 1.21 miles of Kufner Creek, and 1.22 miles of Johnson Creek, all tributaries to Colburn; these reconnections will allow movement in and out of the Rat River allowing brook trout and other organisms to complete life history stages, increase coldwater refuge areas during warm water periods in the Rat River and, increase genetic diversity among the trout population in the entire system.

Project deliverables: Pre-and post-construction monitoring to document changes in current velocity, water depth, silt depth, and substrate type after the new road crossing is constructed. Success will be documented by measuring these changes and measuring how the post activity changes align with conditions in the natural river channel, at a reference reach beyond the influence of the road crossing.

Specific conditions for this Project: The WDNR will be provided electronic and hard copies of all data and or reports/plans generated as a result of this project.

**Objective:**

**Comments:** Grantee is TROUT UNLIMITED-WILD RIVER CHAPTER

**Outcome:**

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
TROUT UNLIMITED-WILD RIVER CHA	GRANT_RECIPIENT	ACTIVE	4/15/2018	12/31/2019	TROUT UNLIMITED-WILD RIVER CHAPTER	

Project Statuses

Date	Reported By	Status	Comments
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Actions

**Wisconsin Department of Natural Resources  
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Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Wild Rivers Trout Unlimited is sponsoring a restoration project on Colburn Creek, Forest County, WI. An undersized and failing double culvert system at Kufner Road will be replaced as part of this project. The existing culverts are constricting the natural river width and are too small to pass normal flows, resulting in negative river impacts at the road and both up and downstream from the road crossing. The crossing is a barrier to the movement of trout, and other aquatic organisms. Project goals: Restore the instream habitat and aquatic connectivity of Colburn Creek by: 1) eliminating significant braiding due to impounding conditions upstream from Kufner Road ; 2) restore natural stream velocities up and downstream of the road crossing; 3) restore trout and other aquatic organism movement throughout the entirety of Colburn Creek, its tributaries and reconnect movement by fish and other aquatic organisms in and out of the Rat River by: reconnecting .673 miles of Colburn Creek; reconnecting 1.15 miles of Mexico Creek, 1.21 miles of Kufner Creek, and 1.22 miles of Johnson Creek, all tributaries to Colburn; these reconnections will allow movement in and out of the Rat River allowing brook trout and other organisms to complete life history stages, increase coldwater refuge areas during warm water periods in the Rat River and, increase genetic diversity among the trout population in the entire system.	4/15/2018	12/31/2019	COMPLETE

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Fisheries Trout Stream Habitat Maintenance and Development	Wild Rivers Trout Unlimited is sponsoring a restoration project on Colburn Creek, Forest County, WI. An undersized and failing double culvert system at Kufner Road will be replaced as part of this project. The existing culverts are constricting the natural river width and are too small to pass normal flows, resulting in negative river impacts at the road and both up and downstream from the road crossing. The crossing is a barrier to the movement of trout, and other aquatic organisms. Project goals: Restore the instream habitat and aquatic connectivity of Colburn Creek by: 1) eliminating significant braiding due to impounding conditions upstream from Kufner Road ; 2) restore natural stream velocities up and downstream of the road crossing; 3) restore trout and other aquatic organism movement throughout the entirety of Colburn Creek, its tributaries and reconnect movement by fish and other aquatic organisms in and out of the Rat River by: reconnecting .673 miles of Colburn Creek; reconnecting 1.15 miles of Mexico Creek, 1.21 miles of Kufner Creek, and 1.22 miles of Johnson Creek, all tributaries to Colburn; these reconconnections will allow movement in and out of the Rat River allowing brook trout and other organisms to complete life history stages, increase coldwater refuge areas during warm water periods in the Rat River and, increase genetic diversity among the trout population in the entire system.	4/15/2018	12/31/2019	IN_PROGRESS
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Details: Parameter	Value/Amount	Units	Comments
Degraded Biological Community			
Degraded Habitat			
Total Nitrogen			
Total Phosphorus			
Total Suspended Solids			

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
551300	1	Colburn Creek	Colburn Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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